Amendment to the Claim

The current listing of the claims replaces all previous amendments and listings of the claims.

1. (Currently Amended) A gas turbine combustor, comprising:

a casing configured to surround a combustor and to be disposed apart from the combustor to define an intake chamber between the combustor and the casing; and

a sheet-like vibration damper having at least one thin plate, which resonates with a vibration of air in the intake chamber to absorb energy of the air vibration, is attached to an inner wall of the casing by an attaching member with a vacant space therebetween, the damper comprising a plurality of steps.

2. (Canceled)

3. (Previously Presented) A gas turbine combustor covered by a casing via an intake chamber, comprising:

a sheet-like vibration damper, which resonates with a vibration of air in the intake chamber to absorb energy of the air vibration, is attached to an inner wall of the casing by an attaching member with a space therebetween,

wherein the sheet-like vibration damper comprises a multi-layered thin flat plate, the layers staggered to create the damper of variable thickness.

4. (Currently Amended) The gas turbine combustor according to claim [[2]] 1 or 3, wherein the damper comprises a plurality of plates of at least two different sizes.

5. (Previously Presented) A gas turbine combustor covered by a casing via an intake chamber, comprising:

a sheet-like vibration damper, which resonates with the vibration of air in the intake chamber to absorb the energy of the air vibration, is attached to an inner wall of the casing by an attaching member with a space therebetween,

wherein the attaching member is a stud which is composed of a bolt welded to the inner wall of the casing and two nuts which hold the thin plate therebetween, said nuts being engaged with the bolt and being thereafter welded thereto.

6.-11. (Canceled)

12. (Currently Amended) A gas turbine combustor, comprising:

a casing surrounding an intake chamber, the casing configured to surround a combustor and to be disposed apart from the combustor and the intake chamber; and

a damper connected to an inner wall of the casing and configured to resonate with a vibration of air in the intake chamber, the damper having a plurality of thicknesses in a direction perpendicular to a direction of air flow through the intake chamber, the damper comprising a plurality of steps providing the plurality of thicknesses.

13. (Previously Presented) The gas turbine combustor according to claim 12, wherein the damper comprises a plurality of plates.

14. (Previously Presented) The gas turbine combustor according to claim 12, wherein the damper comprises a plurality of plates at least partially overlapped with one another.

15. (Previously Presented) The gas turbine combustor according to claim 1, wherein the damper comprises a plurality of thicknesses including at least three thicknesses in a direction perpendicular to a direction of air flow through the intake chamber.

16. (Currently Amended) ~~The~~ A gas turbine combustor ~~according to claim 15~~, comprising:

a casing configured to surround a combustor and to be disposed apart from the combustor to define an intake chamber between the combustor and the casing; and

a sheet-like vibration damper having at least one thin plate, which resonates with a vibration of air in the intake chamber to absorb energy of the air vibration, is attached to an inner wall of the casing by an attaching member with a vacant space therebetween,

wherein the damper comprises a plurality of thicknesses including at least three thicknesses in a direction perpendicular to a direction of air flow through the intake chamber, and

wherein the damper comprises a plurality of stepped portions providing the plurality of thicknesses.

17. (Previously Presented) The gas turbine combustor according to claim 16, wherein a plurality of fasteners are disposed through the plurality of thicknesses.

18. (Previously Presented) The gas turbine combustor according to claim 12, wherein the plurality of thicknesses comprises at least three thicknesses in the direction perpendicular to the direction of air flow through the intake chamber.

19. (Currently Amended) ~~The~~ A gas turbine combustor ~~according to claim 18~~, comprising:

a casing surrounding an intake chamber, the casing configured to surround a combustor and to be disposed apart from the combustor and the intake chamber; and

a damper connected to an inner wall of the casing and configured to resonate with a vibration of air in the intake chamber, the damper having a plurality of thicknesses in a direction perpendicular to a direction of air flow through the intake chamber,

wherein the plurality of thicknesses comprises at least three thicknesses in the direction perpendicular to the direction of air flow through the intake chamber, and

wherein the damper comprises a plurality of stepped portions providing the plurality of thicknesses.

20. (Previously Presented) The gas turbine combustor according to claim 19, wherein a plurality of fasteners are disposed through the plurality of thicknesses.